

LOCATION STUDY REPORT

December 21, 1999

PROJECT NAME	Winder Bypass	COUNTY	Barrow
PROJECT NUMBER	STP-052-2(18)	P.I. NO.	121730
PROJECT DESCRIPTION/TERMINI	Common point comparison - From SR 316 to SR 53, just north of SR 11.		
	ALTERNATIVE "O" Widen SR 11 to Old US 29/SR 8. Proceed on new location, west of Russell, to end of project.	ALTERNATIVE "A" Widen SR 11 to just north of Marburg Creek. Proceed on new location, through Russell to end of project.	ALTERNATIVE "D" Widen SR 11 to Old US 29/SR 8. Proceed on new location, east of Russell, to end of project.
LENGTH	5.4 Miles	6.7 Miles	5.5 Miles
SPEED DESIGN	45 - 55 mph	45 - 55 mph	45 - 55 mph
TRAFFIC OPEN: (2003) DESIGN: (2023)	Varies 9000 – 14,000 ADT Varies 19,500 – 24,500 ADT	Varies 5750 – 10,250 ADT Varies 12,000 – 19,000 ADT	Varies 7000 - 9500 ADT Varies 15,500 – 20,500 ADT
PROP. TYPICAL SECTION	4 Lanes W/44' Med. 4 Lanes W/20' Med.	4 Lanes W/44' Med. 4 Lanes W/20' Med.	4 Lanes W/44' Med. 4 Lanes W/20' Med.
PROPOSED RIGHT-OF-WAY	Varies 130' - 400'	Varies 130' - 300'	Varies 130' - 250'
ACCESS CONTROL	By Permit/Existing Partial Control/New Location	By Permit/Existing Partial Control/New Location	By Permit/Existing Partial Control/New Location
PRELIMINARY DELINEATED WETLANDS	1.38 Acres	2.65 Acres	1.68 Acres
DISPLACEMENTS	23 Houses / 3 MH 5 Duplexes / 1 Triplex 3 Commercial	32 Houses / 2 MH 2 Commercial. 1 Church / 1 American Legion	17 Houses 2 Duplexes 1 Commercial
ESTIMATED COSTS			
CONSTRUCTION	\$ 22,647,000	\$ 18,445,000	\$ 17,011,000
RIGHT-OF-WAY	\$ 12,550,000	\$ 9,650,000	\$ 5,850,000
TOTAL	\$ 35,197,000	\$ 28,095,000	\$ 22,861,000